

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L15	0	(serial and polynomial and (scrambl\$3 or encrypt\$4 or encod\$3) and bit and length).clm.	US-PGPUB	OR	ON	2005/08/23 13:52
L16	74	((program\$5 or configur\$6 or reprogram\$5 or re-program\$5 or reconfigur\$6 or re-configurat\$6 or initial\$8 or reinitial\$8 or re-initial\$8) and (input\$3 or output\$3 or communicat\$4 or transfer\$4 or "i/o" or "i/os" or (input adj output) or multiplex\$3 or mux or buffer\$3) and (convers\$4 or convert\$3 or shift\$3 or scrambl\$3 or encrypt\$4 or decrypt\$4 or encod\$3 or decod\$3) and word and bit and (user or designer or programmer) ).clm.	US-PGPUB	OR	ON	2005/08/23 14:07
L18	3	((program\$5 or configur\$6 or reprogram\$5 or re-program\$5 or reconfigur\$6 or re-configurat\$6 or initial\$8 or reinitial\$8 or re-initial\$8) and (input\$3 or output\$3 or communicat\$4 or transfer\$4 or "i/o" or "i/os" or (input adj output) or multiplex\$3 or mux or buffer\$3) and (convers\$4 or convert\$3 or shift\$3 or scrambl\$3 or encrypt\$4 or decrypt\$4 or encod\$3 or decod\$3) and word and (user or designer or programmer) and polynomial ).clm.	US-PGPUB	OR	ON	2005/08/23 14:08

Date Searched: 8/23/2005

Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

L1 ((716/1-18.ccls. or 326/38-45,47,63-81,101-103.ccls. or 710/10.ccls. or 713/1-100.ccls.  
) and (program\$5 or configur\$6 or reprogram\$5 or re-program\$5 or reconfigur\$6 or re-configurat\$6 or  
initial\$8 or reinitial\$8 or re-initial\$8) and ((input\$3 or output\$3 or communicat\$4 or transfer\$4 or "i/o"  
or "i/os" or (input adj output) or multiplex\$3 or mux or buffer\$3) same (convers\$4 or convert\$3 or shift\$3  
or scrambl\$3 or encrypt\$4 or decrypt\$4 or encod\$3 or decod\$3) same word same bit same (user or  
designer or programmer)  
))

Results: 62 hits

L2 embed\$3 same L2 same (non-programmable or nonprogrammable or non-configurable or  
nonconfigurable or fix\$3)

L3 (input\$3 or output\$3 or communicat\$4 or transfer\$4 or "i/o" or "i/os" or (input adj output) or  
multiplex\$3 or mux\$3 or buffer\$3) same (convers\$4 or convert\$3 or shift\$3 or scrambl\$3 or encrypt\$4 or  
decrypt\$4 or encod\$3 or decod\$3)

L4 2 and 3 and @pd>20050411

Results: 12 hits

L5 serial same polynomial same (scrambl\$3 or encrypt\$4 or encod\$3) same bit same length and  
@pd>"20050411"

Results: 0 hit

L6 polynomial same (scrambl\$3 or encrypt\$4 or encod\$3) same (user or designer or programmer)

L7 (program\$5 or configur\$6 or reprogram\$5 or re-program\$5 or reconfigur\$6 or re-configurat\$6  
or initial\$8 or reinitial\$8 or re-initial\$8)

L8 6 and 7

Results: 189 hits

L9 716/1-18.ccls. or 326/38-45,47,63-81,101-103.ccls. or 710/10.ccls. or 713/1-100.ccls.

L10 8 and 9

Results: 2 hits

L11 (("370"/\$.ccls. or "709"/\$.ccls.) and (program\$5 or configur\$6 or reprogram\$5 or re-program\$5  
or reconfigur\$6 or re-configurat\$6 or initial\$8 or reinitial\$8 or re-initial\$8) and ((input\$3 or output\$3 or  
communicat\$4 or transfer\$4 or "i/o" or "i/os" or (input adj output) or multiplex\$3 or mux or buffer\$3)  
same (convers\$4 or convert\$3 or shift\$3 or scrambl\$3 or encrypt\$4 or decrypt\$4 or encod\$3 or decod\$3)  
same word same bit same (user or designer or programmer)  
))

L12 11 not 1

Results: 221 hits

L13 8 and ("370"/\$.ccls. or "709"/\$.ccls.)

Results: 34 hits

US 6288970 B1

USPAT Reddy; Srinivas T. et al. 365/230.05

US 4849904 A

USPAT Aipperspach; Anthony G. et al. 716/17

US 20050086627 A1

US-PGPUB Brekne, Tonnes 716/18

US 4811361 A

USPAT Bacou; Claude et al. 375/242

US 20020015401 A1

US-PGPUB Subramanian, Ravi et al. 370/347

**\*\*Interference Search\*\***

Database Searched: USPGPUB

Plurals: ON

Terms Searched:

L1 ((program\$5 or configur\$6 or reprogram\$5 or re-program\$5 or reconfigur\$6 or re-configurat\$6 or initial\$8 or reinitial\$8 or re-initial\$8) and (input\$3 or output\$3 or communicat\$4 or transfer\$4 or "i/o" or "i/os" or (input adj output) or multiplex\$3 or mux or buffer\$3) and (convers\$4 or convert\$3 or shift\$3 or scrambl\$3 or encrypt\$4 or decrypt\$4 or encod\$3 or decod\$3) and word and bit and (user or designer or programmer)

).clm.

Results: 74 hits

L2 (serial and polynomial and (scrambl\$3 or encrypt\$4 or encod\$3) and bit and length).clm.

Results: 0 hit

L3 ((program\$5 or configur\$6 or reprogram\$5 or re-program\$5 or reconfigur\$6 or re-configurat\$6 or initial\$8 or reinitial\$8 or re-initial\$8) and (input\$3 or output\$3 or communicat\$4 or transfer\$4 or "i/o" or "i/os" or (input adj output) or multiplex\$3 or mux or buffer\$3) and (convers\$4 or convert\$3 or shift\$3 or scrambl\$3 or encrypt\$4 or decrypt\$4 or encod\$3 or decod\$3) and word and (user or designer or programmer) and polynomial

).clm.

Results: 3 hits

Databases Searched: EPO, JPO, IBM TDB, Derwent

Plurals: ON

Terms Searched:

L1 (program\$5 or configur\$6 or reprogram\$5 or re-program\$5 or reconfigur\$6 or re-configurat\$6 or initial\$8 or reinitial\$8 or re-initial\$8) and ((input\$3 or output\$3 or communicat\$4 or transfer\$4 or "i/o" or "i/os" or (input adj output) or multiplex\$3 or mux or buffer\$3) same (convers\$4 or convert\$3 or shift\$3 or scrambl\$3 or encrypt\$4 or decrypt\$4 or encod\$3 or decod\$3) same word same bit same (user or designer or programmer)

)

Results: 119 hits

Databases Searched: IEE/IEEE Xplore

Terms Searched: (program\* or configur\* or reprogram\* or re-program\* or reconfigur\* or re-configurat\* or initial\* or reinitial\* or re-initial\*) and

(input\* or output\* or communicat\* or transfer\* or "i/o" or "i/os" or (input <near/1> output) or multiplex\* or mux or buffer\*) and (convers\* or convert\* or shift\* or scrambl\* or encrypt\* or decrypt\* or encod\* or decod\*) and

((program\* <near/3> (device or array)) or pga or fpga or pld or cpld)

and (multiplex\* or mux) and (convers\* or convert\* or shift\*) and (scrambl\* or encrypt\* or decrypt\* or encod\* or decod\*) and word and bit and (user or designer or programmer)

Results: Your search matched 0 documents.

Terms Searched: (program\* or configur\* or reprogram\* or re-program\* or reconfigur\* or re-configurat\* or initial\* or reinitial\* or re-initial\*) and

(input\* or output\* or communicat\* or transfer\* or "i/o" or "i/os" or (input <near/1> output) or multiplex\* or mux or buffer\*) and (convers\* or convert\* or shift\* or scrambl\* or encrypt\* or decrypt\* or encod\* or decod\*) and

((program\* <near/3> (device or array)) or pga or fpga or pld or cpld)

and (multiplex\* or mux) and (convers\* or convert\* or shift\*) and (scrambl\* or encrypt\* or decrypt\* or encod\* or decod\*) and (user or designer or programmer)

Results: Your search matched 0 documents.